COUNTY OF RENFREW

EDUCATION COMMITTEE

THIRTY-EIGHTH

ANNUAL REPORT

On Medical Inspection, Supervision
and Treatment of School Children

for the

Year Ended 31st July, 1957

To the Chairman and Members of the Education Committee of the County Council of the County of Renfrew.

LADIES AND GENTLEMEN,

I have the honour to present the Annual Report on Medical Inspection, Supervision, and Treatment of School Children in the County of Renfrew for the year ended 31st July, 1957. The Report is compiled in accordance with the revised form set out in Part II of the Appendix to Circular N. M. & C. No. 60/1938.

I am,

Yours faithfully,

J. S. M. GRAY,
County Medical Officer.

LIST OF STAFF.

County Medical Officer and School Medical Officer—
J. S. M. GRAY, M.B., D.P.H.

Depute County Medical Officer—
J. T. W. REID, M.B., D.P.H.

(a) Whole-time School Service.

School Medical Officers—

Paisley Burgh—
M. S. L. M'Cash, M.D.

Greenock Burgh—
M. Bell, M.B., D.P.H.

Chief Dental Officer—M. Paterson, L.D.S.

School Dental Officers—

E. R. Sloan, L.D.S.
C. G. Stewart, L.D.S.
M. Couchlin, L.D.S. (Left 10/1/57).
J. Hair, L.D.S.
J. Wright, L.D.S.
I. Armit, L.D.S. (Left 31/5/57).
R. M'Kechnie, L.D.S.
V. S. Iyer, B.D.S., L.D.S., D.D.O.
J. Steele, L.D S.
M. E. Forsyth, B.D.S.
B. V. Sklair, L.D.S. (Left 22/10/56).
C. Rodger, L.D.S., D.D.O. (App. 23/4/57).
A. Ferguson, L.D.S. (App. 24/6/57).
D. C. Reid, L.D.S. (App. 22/5/57).

School Nurses—

Paisley Burgh—
M. Jackson.
M. Shields
H. Gemmell (Left 28/5/57).
K. Clark (Left 31/5/57).
M. Currie (App. 17/6/57).

Greenock Burgh—
M. Brockie.
M. Maitland.
J. Paul.
E. Crichton.
A. Leith (App. 4/3/57, temporary).

Physiotherapists—

M. Sivewright M.C.S.P.
A. Smith.

Clerkess—

M. Renton.

Clerks—

Paisley Burgh—
A. Sellars

County—
S. M'Lelland.
E. Murray.

Greenock Burgh—
M. Rankin.
M. Mackinnon.

Clinic Attendants—

Paisley Burgh—
J. Reid.

County—
A. Wright.
M. Stewart.

Greenock Burgh—
E. Boyd.

Dental Clinic Attendants—

J. Stewart.
A. Glancey.
C. M'Gonigle.
A. M'Tavish.
M. Lowson.
E. Muggins.
J. Ferguson.
E. Hind.
E. Adams.
I. Mellon.
R. Wallace (Left 23/1/57).
E. Brown.
A. Hassall (App. 22/4/57).

(b) Part-time School Service.

Specialist Medical Officers—

Oculist—J. B. Adams, M.B.

Aurist—R. W. Bailie, F.R.C.S.

Dermatologist—R. W. Carslaw, M.D.

Orthopædist—A. Keith, F.R.C.S.

School Medical Officers—

Paisley Burgh—
J. Maxton, M.B., D.P.H.
I. E. Ashby, M.B., Ch.B.
S. J. Strachan, M.D.

County—
G. J. Sturrock, M.B., D.P.H.
A. F. Dickson, M.B. D.P.H.
G. M'Lintock, M.D., D.P.H.
M. MacArthur, M.B., D.P.H.

Greenock Burgh—
H. E. Nutten, M.B., D.P.H. (Left 31/1/57).

School Nurses—

M. Canfield.
E. Paul.
M. Robb.
M. Gibson
O. Mitchell.
M. M'Quade.
I. Steele.
A. Mair.
M. M'Caskill.
I. Neilly (Left 2/1/57).
M. Power.
B. Penny.
J. Gillies.
M. Lees
E. M'Donald
J. Reid
M. M'Gowan (Left 31/5/57).
J. Black
M. M'Connachie
M. Kilgore (App. 3/9/56).
M. Bell (App. 27/8/56).
C. Sweeney (Left 31/5/57).
M. Cameron (App. 29/4/57).
M. Fleming (App. 27/5/57).

Clinic Attendants—

Mrs. Rew.
A. Doyle.
M. Campbell.
Mrs. Hamilton.
Mrs. Dunlop.

During the School Year 16,104 ROUTINE MEDICAL INSPECTIONS WERE COMPLETED of all Entrants and all pupils aged 9, 13, and 16 years. Medical Inspection was also carried out on children attending the Nursery Classes in Schools.

4,887 children aged 7 years had Vision and Hearing tested.

1,257 children were examined by the Medical Officers before proceeding to the Camp Schools and to France.

931 Home Visits were paid by the School Nurses during the year.

11.8 per cent. of all children examined at Routine Inspections were notified to parents as requiring treatment (excluding uncleanliness and dental caries).

339 children under school age were also examined at the various specialists' clinics and had treatment prescribed. The figures are shown under the heading of "Child Welfare" and "Under 5 years" in the Specialist Clinic Tables.

1,766 children attended the Educational Guidance Clinics.

8,394 children attended for Speech Therapy.

The ORTHOPAEDIC and REMEDIAL EXERCISES' CLINICS have been working with large numbers during the year. The details and figures are given under these headings.

The TWO SPECIAL SCHOOLS for physically and mentally handicapped children, two schools for the DEAF and one for the SIGHT SAVING, as well as TWO OCCUPATIONAL CENTRES for children not suitable for the Special Schools, have all been visited regularly by the Deputy County Medical Officer, and periodic visits have been made by the Specialists.

The SPECIALISTS' SERVICES of the REGIONAL HOSPITAL BOARD are detailed in the tables under their respective headings of "Eye," "Ear, Nose and Throat," "Skin," and "Orthopaedic" Clinics.

The DENTAL TREATMENT of the various age-groups is referred to by the Chief Dental Officer, and details are given in the Table.

2. GENERAL STATISTICS.

Population of the area, ...	324,652
Number of Schools—	
(a) Primary, under Education Authority, ...	58
(b) Secondary, ,, ,, ,, ...	37
(c) (i) Special Schools, ...	7
(ii) Special classes in ordinary schools, ...	—
(d) In receipt of grant from Education Authority and under Medical Inspection, ...	—
Number of children on the registers, ...	55,297
Number of children in average attendance, ...	51,096

3. SANITARY CONDITIONS OF SCHOOLS.

The cleansing of the schools has been carried out in accordance with the Authority's Cleansing Regulations.

Reports on the Sanitary Condition of the schools have been made throughout the year and forwarded to the Master of Works for attention.

4. ORGANISATION AND ADMINISTRATION.

These were detailed in the Report for the year ending 31st July, 1946.

5. FINDINGS OF MEDICAL INSPECTION.

No. Examined—16,104

	No. of Defects	Age	No. of Non-Routine Special Cases
1. CLOTHING—			
Unsatisfactory	39	0·24	763
2. FOOTGEAR—			
Unsatisfactory	26	0·16	382
3. UNCLEANLINESS—			
(a) Head	1,410	8·75	7,644
(b) Body	44	0·27	817
4. SKIN—			
(a) Head—			
Ringworm...	6	0·04	2
Impetigo	17	0·11	33
Other Diseases	245	1·52	111
(b) Body—			
Ringworm	4	0·02	17
Impetigo...	10	0·06	34
Scabies	2	0·01	1
Other Diseases	500	3.10	536
5. NUTRITIONAL STATE—			
Slightly defective	283	1·76	7
Bad	10	0·06	
6. MOUTH AND TEETH—			
Unhealthy	694	4·31	11
7. NASO-PHARYNX—			
(a) Nose—			
(i) Obstruction, requiring observation... ...	100	0·62	21
(ii) Obstruction (probably adenoids), requiring operative treatment	81	0·50	
(iii) Other Conditions ...	256	1·59	
(b) Throat—			
(i) Tonsils requiring observation... ...	916	5·69	62
(ii) Tonsils requiring operative treatment	231	1·43	
(c) Glands—			
(i) requiring observation	135	0·84	3
(ii) requiring operative treatment	4	0·02	

	No of Defects	%age	Nurses' Non-Routine Special Cases
8. EYES—			
(a) External Diseases—			
Blepharitis	123	0·76	
Conjunctivitis	26	0·16	
Corneal Opacities ...	7	0·04	143
Strabismus...	330	2·05	
Other Diseases	45	0·28	
(b) Visual Acuity—			
No. examined—10,685			
With Glasses—			
Good	475	4·44	
Fair	278	2·60	
Bad	35	0·33	
Without Glasses—			
Good	8,788	82·25	1,257
Fair	926	8·67	
Bad	183	1·71	
Recommended for refraction	896	5·56	
9. EARS—			
(a) Diseases—			
Otorrhœa	189	1·17	95
Other Diseases	59	0·36	
(b) Defective Hearing—			
Grade I	68	0·42	
Grade IIa	11	0·07	97
Grade IIb	1	0·01	
Grade III	—	—	
10 SPEECH—			
Defective Articulation ...	51	0·31	36
Stammering	38	0·23	
11. MENTAL AND NERVOUS CONDITION—			
(a) Backward	9	0·05	
(b) Dull (intrinsically) ...	13	0·08	
(c) Mentally defective (educable)	1	0·00	
(d) Mentally defective (ineducable)	2	0·01	11
(e) Highly nervous or unstable	35	0·21	
(f) Difficult in behaviour ...	147	0·91	

	No. of Defects	%age	Nurses' Non-Routine Special Cases
12. CIRCULATORY SYSTEM—			
(a) Organic Heart Disease—			
(i) Congenital	57	0·35	5
(ii) Acquired	40	0·25	
(b) Functional Conditions ...	175	1·09	
13. LUNGS—			
Chronic Bronchitis	190	1·18	4
Suspected Tuberculosis ...	22	0·13	
Other Diseases	312	1·93	
14. DEFORMITIES—			
(a) Congenital	83	0·51	8
(b) Acquired (Inf. Paralysis)	19	0·12	
(c) Acquired (prob. Rickets)	41	0·25	
(d) Acquired (other causes)	289	1·79	
15. INFECTIOUS DISEASE...	18	0·11	17
16. OTHER DISEASES OR DEFECTS	507	3·15	432

Table showing attendances at [illegible] Clinics.

Diseases of Ear, Nose, and Throat,	
,, ,, Skin, ...	472
,, ,, Eye, ...	431
,, ,, Nervous System, ...	59
,, ,, Alimentary System, ...	17
,, ,, Heart, ...	16
,, ,, Lungs, ...	102
,, ,, Mouth and Teeth, ...	61
Epilepsy, ...	3
Defective Speech, ...	5
,, Vision, ...	14
Debility, ...	17
Rheumatism, ...	102
Glands, ...	3
Suspected Infectious Disease, ...	6
Orthopaedic Cases, ...	1
For School Management Committee, ...	62
Enuresis, ...	35
Minor Surgical Conditions, ...	108
Licences, ...	9
For Convalescent Homes, ...	621
Examined for Camps, ...	83
Others, ...	1,185
Examined for Schools for Physically and Mentally Handicapped—	191
Mentally Handicapped, ...	
Physically Handicapped, ...	67
Deaf, ...	29
Sight-Saving, ...	3
Kersland aud Auchmead, ...	4
Re-examinations in Schools for Physically and Mentally Handicapped— ...	11
Mentally Handicapped, ...	
Physically Handicapped, ...	263
Deaf, ...	140
Sight-Saving, ...	35
Kersland and Auchmead, ...	10
In Co-operation with Medical Officers of Health— ...	23
Suspected Tuberculosis, ...	7
Total ..	4,195

Table I.

Total number of children examined at:—

(a) Systematic Examinations,

Entrants, ...	5,419
Born 1947, ...	5,745
Born 1943, ...	4,494
Born 1940, ...	446
Total, ...	16,104

(b) Born 1949, ... (Vision and Hearing only)	4,887

(c) Other Examinations,

Nursery Schools, ...	108
Special cases, ...	48,639
Re-inspections by Medical Officers, ...	4,195
Total, ...	52,942

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries):—

All age groups, ...	1,901

Table 11.

Total Examined at All Ages 16,104	Entrants				Born 1947				Born 1943				Born 1940				All Ages			
	Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls	
	No. 2,729	%age	No. 2,690	%age	No. 2,874	%age	No. 2,871	%age	No. 2,288	%age	No. 2,206	%age	No. 229	%age	No 217	%age	No. 8,120	%age	No. 7,984	%age
1. Clothing—Unsatisfactory ...	5	0·18	11	0·41	5	0·17	5	0·17	7	0·30	6	0·27	—	—	—	—	17	0·21	22	0·28
2. Footgear—Unsatisfactory ...	4	0·15	3	0·11	8	0·28	1	0·04	8	0·35	2	0·09	—	—	—	—	20	0·25	6	0·07
3. Uncleanliness—																				
(a) Head	129	4·73	349	12·79	150	5·22	433	15·08	49	2·14	300	13·60	—	—	—	—	328	4·04	1082	13·55
(b) Body	8	0·29	14	0·52	9	0·31	3	0·10	6	0·28	4	0·18	—	—	—	—	23	0·28	21	0·26
4. Skin—																				
(a) Head—Ringworm ...	4	0·15	1	0 04	—	—	—	—	—	—	1	0·05	—	—	—	—	4	0·05	2	0 02
Impetigo	3	0·11	3	0·11	3	0.11	2	0.07	4	0·17	2	0·09	—	—	—	—	10	0·12	7	0·09
Other Diseases ...	25	0·91	27	1·00	39	1·36	36	1·25	15	0·65	89	4·03	1	0·44	13	5·99	80	0·99	165	2·07
(b) Body—Ringworm	—	—	—	—	1	0·04	1	0·04	1	0·04	1	0·05	—	—	—	—	2	0·02	2	0·02
Impetigo	4	0·15	3	0·11	1	0·04	1	0·04	1	0·04	—	—	—	—	—	—	6	0·07	4	0·05
Scabies	—	—	—	—	—	—	—	—	1	0·04	1	0·05	—	—	—	—	1	0·01	1	0·01
Other Diseases ...	80	2·93	98	3·64	79	2·75	60	2·09	40	1·75	108	4·89	14	6·11	21	9·68	213	2·62	287	3·60
5. Nutritional State—																				
Slightly defective	60	2·20	63	2·34	40	1·39	56	1·95	38	1·66	26	1·18	—	—	—	—	138	1 70	145	1·82
Bad	1	0·04	2	0·07	—	—	—	—	2	0·09	5	0·23	—	—	—	—	3	0 04	7	0·09
6. Mouth and Teeth—Unhealthy	88	3·23	109	4·05	121	4·21	98	3·41	130	5·68	134	6·07	10	4·37	4	1·84	349	4·30	345	4·32
7. Naso-Pharynx—																				
(a) Nose—																				
(i) Obst. req. observation	26	0·95	21	0·78	31	1·08	14	0·49	7	0 30	1	0·05	—	—	—	—	64	0·79	36	0·45
(ii) Obst. (probably adenoids) req. operative treatment	25	0·91	22	0·82	13	0·45	10	0·35	7	0·30	4	0·18	—	—	—	—	45	0·55	36	0 45
(iii) Other conditions ...	50	1·83	56	2·08	61	2·12	53	1·85	10	0·44	21	0·95	3	1·31	2	0·92	124	1·53	132	1·65
(b) Throat—																				
(i) Tonsils requiring observation	256	9·38	271	10·07	138	4·80	134	4·67	53	2·31	64	2·90	—	—	—	—	447	5·50	469	5·88
(ii) Tonsils requiring operative treatment ...	49	1 80	76	2·83	34	1·18	37	1·29	20	0·87	15	0·68	—	—	—	—	103	1·27	128	1·61
(c) Glands—																				
(i) Requiring observation	60	2 20	37	1·38	12	0·42	14	0·49	8	0·35	4	0·18	—	—	—	—	80	0·98	55	0 69
(ii) Requiring operative treatment	2	0·07	1	0·04	1	0·04	—	—	—	—	—	—	—	—	—	—	3	0·04	1	0·01
8. Eyes—																				
(a) External Diseases—																				
Blepharitis	16	0·59	20	0·74	36	1·25	22	0·77	14	0·61	15	0·68	—	—	—	—	66	0·81	57	0·71
Conjunctivitis	2	0·07	10	0·37	5	0·17	4	0·14	4	0·17	1	0·05	—	—	—	—	11	0·13	15	0·19
Corneal Opacities ...	2	0·07	2	0·07	—	—	1	0·04	—	—	2	0·09	—	—	—	—	2	0·02	5	0·06
Strabismus	88	3 23	98	3·64	63	2·19	51	1·78	7	0·30	23	1·04	—	—	—	—	158	1·94	172	2·17
Other Diseases	12	0·44	13	0·49	5	0·17	10	0·35	5	0·22	—	—	—	—	—	—	22	0·27	23	0·29

(b) Visual Acuity—																				
No. examined, 10,685																				
With Glasses — Good ...	—	—	—	—	87	3·03	96	3·34	112	4·89	118	5·35	27	11·79	35	16·13	226	4·19	249	4·70
Fair ...	—	—	—	—	72	2·50	78	2·72	51	2·23	62	2·81	8	3·49	7	3·23	131	2·43	147	2·78
Bad ...	—	—	—	—	12	0·42	5	0·18	7	0·31	10	0·46	—	—	1	0·46	19	0·35	16	0·30
Without Glasses—Good ...	—	—	—	—	2410	83·86	2313	80·56	1938	84·70	1790	81·14	182	79·48	155	71·42	4530	84·03	4258	80·43
Fair ...	—	—	—	—	255	8·87	331	11·53	146	6·38	171	7·75	6	2·62	17	7·83	407	7·55	519	9·81
Bad ...	—	—	—	—	38	1·32	48	1·67	34	1·49	55	2·49	6	2·62	2	0·92	78	1·45	105	1·98
Recom. for refraction ...	—	—	—	—	218	7·58	286	9·96	152	6·64	206	9·34	14	6·11	20	9·22	384	4·74	512	6·43
9. Ears—																				
(a) Diseases—Otorrhœa ...	38	1·39	50	1·86	24	0·84	33	1·15	24	1·05	17	0·77	2	0·87	1	0·46	88	1·08	101	1·26
Other Diseases	9	0·33	9	0·34	10	0·35	14	0·49	6	0·28	11	0·50	—	—	—	—	25	0·31	34	0·43
(b) Defective Hearing—																				
Grade I	4	0·15	9	0·34	16	0·56	9	0·31	15	0·65	15	0·68	—	—	—	—	35	0·43	33	0·43
Grade IIa	—	—	1	0·04	—	—	1	0·04	5	0·22	4	0·18	—	—	—	—	5	0·06	6	0·07
Grade IIb	—	—	—	—	—	—	—	—	1	0·04	—	—	—	—	—	—	1	0·01	—	—
Grade III	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Speech—																				
Defective articulation	26	0·95	13	0·49	5	0·17	4	0·14	2	0·09	1	0·05	—	—	—	—	33	0·41	18	0·22
Stammering	16	0·59	3	0·11	13	0·45	2	0·07	2	0·09	2	0·09	—	—	—	—	31	0·38	7	0·09
11. Mental and Nervous Condition—																				
(a) Backward	1	0·04	—	—	5	0·17	2	0·07	—	—	1	0·05	—	—	—	—	6	0·07	3	0·03
(b) Dull (intrinsically) ...	3	0·11	—	—	2	0·07	1	0·04	5	0·22	2	0·09	—	—	—	—	10	0·12	3	0·03
(c) Mentally defective (educable)	1	0·04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	0·01	—	—
(d) Mentally defective (ineducable)	—	—	—	—	1	0·04	—	—	1	0·04	—	—	—	—	—	—	2	0·02	—	—
(e) Highly nervous or unstable	13	0·48	8	0·30	6	0·21	2	0·07	4	0·17	2	0·09	—	—	—	—	23	0·28	12	0·15
(f) Difficult in behaviour ...	38	1·39	46	1·71	23	0·80	29	1·01	3	0·13	8	0·36	—	—	—	—	64	0·79	83	1·04
12. Circulatory System—																				
(a) Organic Heart Disease—																				
(i) Congenital	10	0·37	13	0·49	6	0·21	15	0·52	7	0·30	5	0·23	—	—	1	0·46	23	0·28	34	0·43
(ii) Acquired	2	0·07	8	0·30	10	0·35	6	0·21	2	0·09	12	0·54	—	—	—	—	14	0·17	26	0·32
(b) Functional Conditions	32	1·71	35	1·30	30	1·04	24	0·84	10	0·44	37	1·67	—	—	7	3·23	72	0·89	103	1·29
13. Lungs—																				
Chronic Bronchitis	54	1·98	41	1·52	46	1·60	18	0·63	20	0·87	8	0·36	1	0·44	2	0·92	121	1·49	69	0·86
Suspected Tuberculosis ...	3	0·11	2	0·07	7	0·24	1	0·04	5	0·22	4	0·18	—	—	—	—	15	0·18	7	0·09
Other Diseases	96	3·52	80	2·97	53	1·84	38	1·32	22	0·96	22	1·00	1	0·44	—	—	172	2·12	140	1·76
14. Deformities—																				
(a) Congenital	23	0·84	9	0·34	21	0·73	21	0·73	4	0·17	5	0·23	—	—	—	—	48	0·59	35	0·44
(b) Acquired (Inf. Paralysis) ...	6	0·22	1	0·04	4	0·14	2	0·07	3	0·13	2	0·09	—	—	1	0·46	13	0·17	6	0·07
(c) Acquired (prob. Rickets) ...	8	0·29	11	0·41	3	0·11	4	0·14	3	0·13	9	0·41	1	0·44	2	0·92	15	0·18	26	0·32
(d) Acquired (other causes) ...	53	1·94	21	0·78	65	2·26	52	1·81	9	0·39	79	3·58	—	—	10	4·61	127	1·56	162	2·03
15. Infectious Disease	6	0·22	2	0·07	3	0·11	1	0·04	3	0·13	2	0·09	—	—	1	0·46	12	0·15	6	0·07
16. Other Diseases or Defects ...	100	3·66	79	2·94	98	3·41	70	2·45	96	4·20	49	2·22	7	3·05	8	3·68	301	3·71	206	2·58

Table III.—Systematic Medical Examinations.

Classification	Entrants		Born 1947		Born 1943		Born 1940		Total	
	No. examined	%age of pupils examined	No. examined	%age of pupils examined	No. examined	%age of pupils examined	No. examined	%age of pupils examined	No. examined	%age of pupils examined
I. Children free from defects ..	3,312	61·11	3,493	60·80	2,897	64·46	304	68·16	10,006	62·13
II. Children (otherwise free from defects) who suffer from :—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses ...	1	0·02	565	9·83	347	7·72	38	8.52	951	5·90
(b) Conditions of the mouth and teeth requiring treatment	110	2·03	107	1·86	153	3.41	12	2·69	382	2·37
(c) Both (a) and (b)	—	—	14	0·25	37	0·82	1	0.23	52	0·32
Total	111	2·05	686	11·94	537	11·95	51	11·44	1,385	8·59
III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks	1,840	33·97	1,391	2·42	925	20·58	76	17.04	4,232	26·26
IV. Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II or III, distinguishing cases :—										
(a) Where complete cure or restoration of function (in the case of eye defect full correction) is considered possible	120	2·21	130	2·26	102	2·27	13	2·91	365	2·26
(b) Where improvement only is considered possible, *e.g.*, without complete restoration of function	36	0·66	45	0·78	33	0·74	2	0·45	116	0·76
Total	156	2·87	175	3·04	135	3·01	15	3.36	481	3.02
Total number examined	5,419	100·00	5,745	100·00	4,494	100·00	446	100·00	16,104	100·00

Table IV.

Return of all exceptional children of school age attending school in the area.

Disability	At Ordinary Schools	At Special Schools or Classes	Total
1. Blind	—	—	—
2. Partially sighted :			
(a) Refraction errors in which the curriculum of an ordinary school would adversely affect the eye condition ...	—	16	16
(b) Other conditions of the eye	—	16	16
3. Deaf :			
Grade I	68	—	68
Grade IIa	11	—	11
Grade IIb	—	11	11
Grade III	—	25	25
4. Defective Speech :			
(a) Defects of articulation requiring special educational measures	51	17	68
(b) Stammering	38	6	44
5. Mentally Handicapped (Children between 5 and 16 years) :			
(a) Educable (I.Q. approx. 50-70)	9	289	298
(b) Ineducable (I.Q. generally less than 50)	—	31	31
6. Epilepsy :			
(a) Mild and occasional ...	2	16	18
(b) Severe	—	—	—
7. Physically Handicapped (Children between 5 and 16 years) :			
(a) Non - pulmonary tuberculosis (excl. cervical glands)	—	26	26
(b) General orthopædic conditions...	—	70	70
(c) Organic heart disease ...	97	21	118
(d) Other causes of ill-health...	—	57	57
8. Multiple defects :			
(a) Deaf Mutes,	—	31	31
(b) Paralysis and Mentally Handicapped	—	6	6
(c) Paralysis, Mentally Handicapped and Defective Speech	—	1	1
(d) Defective Vision and Mentally Handicapped ...	—	63	63
(e) Defective Hearing and Mentally Handicapped ...	—	18	18

Heights (in inches)—Boys.

Average Age ...	5. 6/12	9. 7/12	13. 8/12	16. 5/12
Number Examined	2,729	2,874	2,288	229
Average Height ...	43·4	52·7	59·4	67·7

Weights (in pounds)—Boys.

Average Age ...	5. 6/12	9. 7/12	13. 8/12	16. 5/12
Number Examined	2,729	2,874	2,288	229
Average Weight ...	43·6	66·0	95·1	137·2

Heights (in inches)—Girls.

Average Age ...	5. 6/12	9. 7/12	13. 6/12	16. 7/12
Number Examined	2,690	2,871	2,206	217
Average Height ...	42·9	51·5	59·8	63·6

Weights (in pounds)—Girls.

Average Age ...	5. 6/12	9. 7/12	13. 6/12	16. 7/12
Number Examined	2,690	2,871	2,206	217
Average Weight ...	41·8	63·4	98·4	120·0

MINOR AILMENTS CLINIC.

6 A. (1).—CUTS, Etc.

Total number of children treated	223
Total number of attendances	603
Average attendance per child	2·7

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
		Brymner St	Sinclair St.						
Cuts	1	9	5	8	15	—	66	—	104
Bruises	—	3	3	2	8	2	5	—	23
Minor Injuries ...	17	9	1	3	4	1	23	2	60
Other Conditions...	—	13	7	—	9	—	7	—	36
Total Cases ...	18	34	16	13	36	3	101	2	223
Total Attendances	56	92	36	58	156	3	200	2	603

MINOR AILMENTS CLINIC.

6 A. (2).—DISEASES OF EAR, NOSE, AND THROAT.

Total number of children treated	333
Total number of attendances	3,400
Average attendances per child	10·2

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
		Brymner Street	Sinclair Street						
Otorrhoea and Otitis Media	14	32	30	5	6	17	19	1	124
Enlarged Tonsils and Adenoids	—	—	—	2	5	—	—	—	7
Enlarged Turbinates and Deviation of Septum	—	—	—	—	—	—	—	—	—
Cerumen in Ears	4	57	6	—	8	12	5	—	92
Pharyngitis	—	—	—	—	—	—	—	—	—
Rhinitis	16	4	—	—	—	—	—	—	20
Tonsillitis	2	—	—	—	1	—	—	—	3
Other Conditions ...	43	28	8	—	5	2	1	—	87
Total Cases	79	121	44	7	25	31	25	1	333
Total Attendances ..	1,583	610	309	227	72	471	126	2	3,400

MINOR AILMENTS CLINIC.

6 A. (3).—DISEASES OF THE EYE.

Total number of children treated	461
Total number of attendances	1,517
Average attendance per child	3·2

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTAL
		Brymner Street	Sinclair Street						
Conjunctivitis (Simple, Purulent and Phlyctenular)	14	36	22	14	18	1	8	—	112
Blepharitis	12	88	38	4	3	6	—	—	151
Hordeolum	15	—	—	—	5	3	13	—	36
Other Conditions, ...	30	24	17	7	24	55	4	—	161
Total Cases	71	148	77	25	50	65	25	—	461
Total Attendances....	268	591	296	89	112	120	41	—	1,517

MINOR AILMENTS CLINIC.

6 A. (4).—DISEASES OF SKIN.

Total number of children treated	2,156
Total number of attendances	10,141
Average attendances per child	4·7

Disease	Paisley	Greenock		Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
		Brymner Street	Sinclair Street						
Ringworm, Scalp, ...	—	1	2	—	—	—	4	—	7
Ringworm, Body, ...	3	15	7	—	—	—	3	—	28
Scabies	7	2	2	—	—	—	1	—	12
Impetigo, Head	2	97	37	2	3	3	118	—	262
Impetigo, Body	8	2	—	27	20	16	9	—	82
Septic Sores	259	143	123	50	101	42	251	4	973
Herpes	9	19	19	—	25	6	19	—	97
Seborrhea	—	2	1	—	—	—	—	—	3
Dermatitis	—	—	—	5	—	—	1	—	6
Other Conditions	106	165	71	55	93	18	178	—	686
Total Cases....	394	446	262	139	242	85	584	4	2,156
Total Attendances....	2,123	2,350	1,082	694	1,663	422	1,787	20	10,141

IV. RINGWORM AND FAVUS.

(a) Drug Treatment:—	
Ringworm Head	7
Ringworm Body, ...	28
(b) X-Ray Treatment, ...	—
(c) Sun-Light Treatment,.	92

(Children have sun-light treatment for various conditions—Bronchitis, Asthma, Alopecia, Debility, etc.)

V. GENERAL TREATMENT.

Other cases attending Clinics, including General Medical and Surgical Cases, etc., ...	342
Total attendances at Minor Ailments Clinics,...	16,003

6. B. EYE SPECIALIST'S REPORT.

There have been no notable changes in the work of the Specialist Eye Service during the year.

Clinics have been carried out as formerly at Paisley, Greenock, Port-Glasgow, Johnstone, Barrhead, and Renfrew, with periodic visits to Sight-Saving Classes in order to maintain contact with children there.

Children with pathological eye conditions are brought to the Eye Infirmaries in Paisley or Greenock thus preserving the continuity of treatment. Large number of cases of squint particularly, have had operative treatment in this way.

The co-operation of the great majority of parents is appreciated and is of considerable value to the efficiency of the Service, but it should be remembered that a child who fails to keep an appointment without previous notice is depriving another child of necessary attention.

I have to record my appreciation of the help of the School Medical, Nursing and Clerical Staff.

Details of the work will be found in the following table.

6 B.—EYE SPECIALIST'S CLINIC.

TABLE showing (1) Total Number Treated.
(2) Number Treated by Glasses.
(3) Number Otherwise Treated.

	Number of Pupils Examined		Number of Re-Visits		Total Attendances	Number of Glasses Ordered	Number Otherwise Treated
	Boys	Girls	Boys	Girls			
Paisley ...	167	172	61	60	460	258	81
Greenock ..	149	149	32	42	372	229	69
Port-Glasgow	52	35	1	—	88	70	17
Barrhead ...	66	51	47	37	201	84	33
Johnstone ...	47	61	35	40	183	74	34
Renfrew	33	48	19	27	127	49	32
Gourock ...	11	9	1	1	22	16	4
Total	525	525	196	207	1,453	780	270

CHILD WELFARE.

No. Examined, ... 15 Glasses Ordered, ... 10

6 C. EAR, NOSE, AND THROAT SPECIALIST'S REPORT.

There have been no notable changes in the work of the Ear, Nose, and Throat Service during the year and the number examined has been fairly constant.

It is regretted that no audiometrician has been found so far to carry out the Audiometric Survey, but the routine testing by the nursing staff has continued to make good the deficiency. Where necessary children are sent to the Hearing Aid Clinic in Glasgow for audiometry or to the Ear, Nose, and Throat Hospital, Greenock.

Regular visits to the various School Clinics and to the Special Schools have continued.

I am grateful for the courtesy and co-operation of the Medical, Nursing and Clerical Staff.

The figures in the following table give a brief picture of the work carried out.

6 C.—SPECIALIST'S EAR, NOSE, AND THROAT CLINIC.

Diseases	Paisley	Greenock	Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTAL
Otorrhoea and Otitis Media, ...	20	23	2	3	6	7	—	61
Enlarged Tonsils and Adenoids,	82	54	51	13	32	9	—	241
Cerumen,...	2	1	3	3	—	—	—	9
Rhinitis, ...	—	2	9	9	17	1	—	38
Other Conditions, ...	63	46	10	11	2	9	1	142
Total Cases, ...	167	126	75	39	57	26	1	491
Total Attendances, ...	518	292	173	93	166	53	2	1,297
Operations Advised, ...	81	46	45	20	28	14	—	234

Nose and Throat Operations completed ... 182

CHILD WELFARE.

Cases	Attendances
45	79

Operations Advised, ... 26 Ante-natal Cases 4

TABLE showing for each month during Session 1956-1957 the number of pupils absent through Infectious Diseases.

	September, 1956.	October.	November.	December.	January, 1957.	February.	March.	April.	May.	June.	July	Totals.
Scarlet Fever	9	14	17	9	14	6	11	7	5	8	—	100
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	1	1	—	4	3	2	3	2	1	2	—	19
Measles	25	66	121	91	225	262	110	98	18	11	2	1029
Whooping Cough	23	42	133	75	231	97	50	26	15	7	—	699
Chickenpox	17	23	24	33	49	27	45	54	28	39	1	340
Mumps	7	50	143	130	153	195	304	274	86	70	6	1418
Scabies ...	11	5	1	1	—	5	9	1	—	—	—	33
Others	15	27	15	13	19	14	8	8	8	19	—	146
Totals	108	228	454	356	694	608	540	470	161	156	9	3784

6 D.—Specialist's Orthopædic Clinics.

Areas	Children Treated		Attendances		No. of Polio Children att. for Hydro-therapy	Attend-ances	Shoes Altered	Splints Fitted	In Hospital	Awaiting Hospital	Dis-charged	Still under Treat-ment
	Over 5 years.	Under 5 years	Clinic.	Treatment.								
Paisley	262	135	327	3,532	13	415	54	80	5	15	92	305
Greenock	103	13	130	1,527	—	—	10	34	2	10	39	77
Port Glasgow ...	38	2	76	572	—	—	2	6	—	—	15	25
Barrhead	61	31	57	625	1	5	16	14	1	—	17	75
Renfrew	41	13	57	360	1	40	5	13	2	2	8	46
Johnstone...	114	34	97	691	—	—	17	25	1	6	28	120
Gourock	19	2	24	124	—	—	—	—	1	—	11	10
Total	638	230	768	7,431	15	460	104	172	12	33	210	658

6. E. CHIEF DENTAL OFFICER'S REPORT.

The School Dental Officers carried out Dental Inspection and Treatment this year on children in the Age Groups from six to eleven years.

Unfortunately there is a considerable fall in the number of children inspected and treated this year, when compared with the returns for the previous year. This decrease is explained by prolonged illness and resignations in the staff, together with the difficulty experienced in filling the vacancies. It is pleasing to relate, however, that recent appointments have restored the Dental Staff to its former strength and the start of the new session should see a return to normal in the inspection and treatment of the children.

The Mobile Units providing a dental service for the outlying schools in the County continue to be well patronised. In the smaller schools all children are given the opportunity to have their dental treatment carried out by the school dentists.

The Orthodontic Service for which the demand is ever increasing is summarised in a separate report.

Under the Provision of Dentures Scheme, 242 children had partial dentures inserted.

The following are the figures for the year.

Table V. 6 E.—Dental Inspection and Treatment.

No. of children who were— (1) Inspected by dental officers—

Age.	Systematic examinations
5	271
6	2,675
7	1,474
8	2,667
9	1,020
10	2,653
11	2,438
12	302
13	58
14	26
15	7
Total	13,591

(2) Found to require treatment ...	12,350
(2a) No. accepting treatment ...	6,554
(3) Actually treated by the school dental officers...	6,129
(4) No. of attendances made by children for treatment	19,891
(5) Fillings :	
(a) Permanent teeth	8,089
(b) Temporary teeth	2,384
(6) Extractions :	
(a) Permanent teeth	417
(b) Temporary teeth	4,301
(7) No. of administrations of a general anaesthetic for extractions	—
(8) Other operations :	
(a) Permanent teeth	3,473
(b) Temporary teeth	1,431
(9) Half-days devoted to inspection	287
Half-days devoted to treatment	2,749
(10) No. of children treated under private arrangements. Provision of Dentures, ...	242

ORTHODONTIC SERVICE.

This year shows a further advance in the amount of Orthodontic Treatment carried out. A larger number of cases has been completed and an attempt has been made to overcome the long waiting list. At present a child has to be on the list for just under a year, which, considering the increasing demand for treatment, is not too long a period.

The X-Ray machines at Paisley and Greenock Clinics have proved invaluable and full use of them has been made by all the dentists.

Thanks are due to Prof. J. Aitchison, The Dean, and Dr. T. C. White, Chief Orthodontic Consultant of the Glasgow Dental Hospital, for their continued interest and valuable help to this Service.

Details of treatment carried out are given as follows:—

ORTHODONTIC REPORT.

1. Number of attendances:—

New Patients	521
Old Patients	2,535
Total	3,056

2. Details of Treatment:—

Examinations, ...	587
Impressions and Casts, ...	658
Removable Appliances Inserted, ...	292
Fixed Appliances Inserted, ...	63
Appliances Adjusted, ...	1,642
Radiographs, ...	579
Extractions, ...	64
Other Treatment, ...	26
Cases Completed, ...	157

3. Waiting List.—

Patients seen and advised when treatment will commence, ...	204
Patients referred but not yet seen, ...	40

4. Number under Treatment 263

6. F. SKIN SPECIALIST'S REPORT.

While there has been little change in the number of children attending the Russell Institute Clinic, and the pattern of skin conditions has remained similar to last year, there has been a striking reduction in the number attending at Brymner Street, Greenock. Warts have always represented a high percentage of the Greenock cases, and the fall off in the numbers can, in part, be explained by the fact that a number of children attending for advice on warts has been greatly reduced. A number of these children are now sent direct by the family doctor to the Skin Clinic at the Royal Infirmary.

The number of children attending Paisley for advice on the management of birthmarks remains at a high level and I believe that this aspect of the clinic serves a very useful function.

I am again indebted to the Nursing and Clerical Staff for their willing co-operation.

6 F.—SKIN SPECIALIST'S CLINIC.

Total number treated, ... 141

Total number of attendances, ... 513

	Paisley	Greenock	Barrhead	Renfrew	Johnstone	Port-Glasgow	Gourock	TOTALS
School Age, ...	38	26	7	2	3	11	4	91
Child Welfare, ...	23	4	14	2	6	—	—	49
Ante-Natal, ...	1	—	—	—	—	—	—	1
Total, ...	62	30	21	4	9	11	4	141
Total Attendances, ...	259	52	101	8	60	26	7	513

7. SPECIAL SCHOOLS AND CLASSES.

The following Special Schools are under the jurisdiction of the Education Committee of the Renfrew County Council:—

	No. on Roll Boys	Girls
Sandyford School, Paisley.		
Physically Handicapped	63	49
Mentally Handicapped	133	102
Sight-Saving	7	7
Gateside School, Paisley.		
Deaf Mute and Defective Hearing	14	5
Glenburn School, Greenock.		
Physically Handicapped	39	36
Mentally Handicapped	93	69
Sight-Saving	7	8
Garvel School, Greenock.		
Deaf Mute and Defective Hearing	6	11
Epileptic Colony School,		
Bridge of Weir	21	14
Kersland Occupational Centre	29	23
Auchmead Occupational Centre	3	12

13 physically handicapped children were fit to be returned to the ordinary schools during the year from Sandyford and Glenburn Schools.

8.—TABLE OF REMEDIAL EXERCISES TREATMENT.

	Examined.	Advised Treatment.	Treatment continued from last year.	Number Treated	Number of Attendances.	Passed out as improved enough to benefit from gymnastics alone.	Still receiving treatment.
Paisley	213	96	73	229	3,330	101	128
Johnstone	17	17	20	44	583	25	19
Total	230	113	93	273	3,913	126	147

FINDINGS OF MEDICAL INSPECTION.

NURSERY CLASSES.

NUMBER EXAMINED—108.

	No. of Defects.	Percentage.
3. UNCLEANLINESS—		
(a) Head,	16	14.81
4. SKIN—		
(a) Head:		
Others,	4	3.70
(b) Body:		
Others,	8	7.41
6. MOUTH AND TEETH UNHEALTHY,	2	1.85
7. NASO-PHARYNX—		
(a) Nose:		
Others,	4	3.70
(b) Throat:		
1. Tonsils requiring observation,	16	14.81
2. Tonsils requiring operative treatment,	6	5.55
(c) Glands:		
1. Requiring observation,	6	5.55
8. EYES—		
Blepharitis,	2	1.85
Strabismus,	7	6.48
Others,	1	.92
9. EARS—		
Otorrhoea,	1	.92
Others,	1	.92
11. MENTAL AND NERVOUS CONDITIONS—		
Difficult in behaviour,	8	7.40
12. CIRCULATORY SYSTEM—		
(b) Functional conditions,	1	.92
13. LUNGS—		
Chronic Bronchitis,	1	.92
Others,	7	6.48
14. DEFORMITIES—		
(d) Acquired, other causes,	3	2.78
15. INFECTIOUS DISEASES,	—	—
16. OTHER DISEASES OR DEFECTS,	5	4.63

Nursery Classes.

F. Heights (in inches)—Boys.

Average Age	4. 8/12
Number Examined	52
Average Height	40.7

F. Weights (in pounds)—Boys.

Average Age	4. 8/12
Number Examined...	52
Average Weight	40.2

F. Heights (in inches)—Girls.

Average Age	4. 1/12
Number Examined..	56
Average Height	40.6

F. Weights (in pounds)—Girls.

Average Age	4. 1/12
Number Examined...	56
Average Weight	37·7

Nursery Classes—Table II.

Nature of Defect.	Boys.		Girls.		Total.	
Number examined—108.	No. 52.	Per-centage.	No. 56.	Per-centage.	No. 108.	Per-centage.
3. Uncleanliness:—						
(a) Head,	8	15.38	8	14.28	16	14.81
4. Skin:—						
(a) Head—						
Others,	2	3.85	2	3.57	4	3.70
(b) Body,						
Others,	5	9.61	3	5.36	8	7.41
6. Mouth and Teeth Unhealthy,	—	—	2	3.57	2	1.85
7. Naso-Pharynx:—						
(a) Nose—						
Others,	2	3.85	2	3.57	4	3.70
(b) Throat—						
1. Tonsils req. observation,	9	17.31	7	12.50	16	14.81
2. Tonsils req. op. treatment,	5	9.61	1	1.78	6	5.55
(c) Glands—						
1. Requiring observation,	5	9.61	1	1.78	6	5.55
8. Eyes:—						
Blepharitis,	1	1.92	1	1.78	2	1.85
Strabismus,	6	11.54	1	1.78	7	6.48
Others,	—	—	1	1.78	1	.92
9. Ears:—						
Otorrhoea,	—	—	1	1.78	1	.92
Others,	1	1.92	—	—	1	.92
11. Mental and Nervous Conditions:—						
Difficult in behaviour,	2	3.85	6	10.71	8	7.40
12. Circulatory System:—						
(b) Functional conditions,	1	1.92	—	—	1	.92
13. Lungs:—						
Chronic Bronchitis,	—	—	1	1.78	1	.92
Others,	2	3.85	5	8.92	7	6.48
14. Deformities:—						
(d) Acquired, other causes,	—	—	3	5.36	3	2.78
15. Infectious Diseases,	—	—	—	—	—	—
16. Other Diseases or Defects,	4	7.69	1	1.78	5	4.63

Nursery Classes—Table III.

Classification	No. Examined	Percentage
1. Children free from defects	51	47·22
2. Children (otherwise free from defects) who suffer from :—		
(a) —	—	—
(b) Conditions of the Mouth and Teeth requiring attention ...	1	0·93
3. Children suffering from ailments (other than those mentioned in 2) from which complete recovery is anticipated within a few weeks ...	54	50·00
4. Children suffering from defects less remedial than defects specified in 2 or 3, distinguishing cases :—		
(a) Where complete cure or restoration of function is considered possible	2	1·85
Total number examined	108	100·00